

DDT

5.3.3 Evaluate the costs and benefits to society of the World Health Organization's ban on the use of the pesticide DDT.

PROS	CONS
<ul style="list-style-type: none">* Kills mosquitoes which carry malaria.<ul style="list-style-type: none">↳ Annual deaths from malaria are currently over 1 million. (85% in Africa)↳ The # of cases of malaria worldwide is >240 million.	<ul style="list-style-type: none">* Spraying cannot get rid of all 20 species of mosquitoes from native habitats because will impact other biodiversity.
<ul style="list-style-type: none">* DDT has been linked to premature births, low birth weight, + abnormal mental development of infants.	<ul style="list-style-type: none">* WHO says DDT is safe if used properly.
<ul style="list-style-type: none">* Alternative methods of mosquito control exist	<ul style="list-style-type: none">* Alternatives aren't as effective
<ul style="list-style-type: none">* Effects of accumulation<ul style="list-style-type: none">↳ Bioaccumulation / Biomagnification in food chains.<ul style="list-style-type: none">↳ CA Condor have thin eggs.↳ Bats - important pollinators etc.↳ Unknown Effects in Humans -<ul style="list-style-type: none">↳ stored in human's fatty organs (like kidneys)↳ DDT has been found in human breast milk	<ul style="list-style-type: none">* Banning DDT has led to lots of human deaths.